ELSEVIER

Journal of Non-Crystalline Solids 170 (1994) 315–317

JOURNAL OF NON-CRYSTALLINE SOLIDS

Author index

Acosta, S., R.J.P. Corriu, D. Leclercq, P. Lefèvre, P.H. Mutin and A. Vioux, Preparation of alumina gels by a non-hydrolytic sol–gel processing method 170 (1994) 234
Amaratunga, G.A.J., see Davis, C.A. 170 (1994) 46

Bae, J.S., see Pyun, S.-I. 170 (1994) 205
Barboux, P., see Schmutz, C. 170 (1994) 250
Berg, G. and A. Ludwig, Mixed oxide effect in an ion-exchanged glass 170 (1994) 109
Bray, K.L., see Lochhead, M.J. 170 (1994) 143
Butler, C., see Hoghooghi, B. 170 (1994) 303

Caputo, D., G. de Cesare, F. Irrera, F. Palma, M.C. Rossi, G. Conte, G. Nobile and G. Fameli, A systematic investigation of the role of material parameters in metastability of hydrogenated amorphous silicon 170 (1994) 278
Car, T., see Gržeta, B. 170 (1994) 101
Chaibi, J., M. Henry, H. Zarrouk, N. Gharbi and J. Livage, Structural characterization of hybrid materials obtained from zirconium n-propoxide and 1,2-ethanediol 170 (1994) 1
Chikovsky, A.N., see Gur'ev, N.V. 170 (1994) 155
Cho, J. and S.W. Martin, Infrared spectra of lithium thioborate glasses and polycrystals 170 (1994) 182
Coleman, P.G., see Jensen, K.O. 170 (1994) 57
Collins, R.W., Book review: Hydrogenated amorphous silicon alloy deposition processes (Werner Luft and Y. Simon Tsuo) 170 (1994) 210
Collongues, R., see Małecki, A. 170 (1994) 161
Conte, G., see Caputo, D. 170 (1994) 278
Cornu, N., see Estournès, C. 170 (1994) 287
Corriu, R.J.P., see Acosta, S. 170 (1994) 234
Coté, B., see Hauret, G. 170 (1994) 175

Davis, C.A., Y. Yin, D.R. McKenzie, L.E. Hall, E. Kravtchinskaia, V. Keast, G.A.J. Amaratunga and V.S. Veerasamy, The structure of boron-, phosphorus- and nitrogen-doped tetrahedral amorphous carbon deposited by cathodic arc 170 (1994) 46
De-Xian, W., see Yazawa, T. 170 (1994) 105
de Cesare, G., see Caputo, D. 170 (1994) 278
Degand, C., see Wang, K. 170 (1994) 51
den Exter, M.J., see Titulaer, M.K. 170 (1994) 113
Desch, P., see Hoghooghi, B. 170 (1994) 303
Desnica, I.D., M. Ivanda, M. Kranjčec, R. Murri and N. Pinto, Raman study of gallium arsenide thin films 170 (1994) 263
Dexpert-Ghys, J., B. Piriou, S. Rossignol, J.M. Réau, B. Tanguy, J.J. Videau and J. Portier, Investigation by Raman scattering of the $[TeO_2–RMO_{0.5}]$ (M = Ag or Tl) glasses and of the related ionic conductors $[TeO_2–RMO_{0.5}]_{(1-x)}[AgI]_x$ 170 (1994) 167
Ding, Z., see Weng, W. 170 (1994) 134
Donnadieu, P., see Wang, K. 170 (1994) 51
Došlić, T., see Gržeta, B. 170 (1994) 101
Durrani, S.M.A., see Khawaja, E.E. 170 (1994) 308

Elliott, S.R., Use of the modulus formalism in the analysis of ac conductivity data for ionic glasses 170 (1994) 97
Estournès, C., N. Cornu and J.L. Guille, Reduction of copper in soda–lime–silicate glass by hydrogen 170 (1994) 287

Fameli, G., see Caputo, D. 170 (1994) 278
Fernandez-Lorenzo, C., see Schmutz, C. 170 (1994) 250

Garoche, P., see Wang, K. 170 (1994) 51
Gervais, F., see Hauret, G. 170 (1994) 175
Geus, J.W., see Titulaer, M.K. 170 (1994) 11
Geus, J.W., see Titulaer, M.K. 170 (1994) 113
Geus, J.W., see Titulaer, M.K. 170 (1994) 128
Gharbi, N., see Chaibi, J. 170 (1994) 1
Goncharuk, V.K., see Merkulov, E.B. 170 (1994) 65
Gracin, D., see Gržeta, B. 170 (1994) 101
Gržeta, B., N. Radić, D. Gracin, T. Došlić and T. Car, Crystallization of $Cu_{50}W_{50}$ and $Cu_{66}W_{34}$ amorphous alloys 170 (1994) 101
Guille, J.L., see Estournès, C. 170 (1994) 287
Gur'ev, N.V., A.N. Chikovsky, V.P. Kolobkov, M.L. Leskova, G.T. Petrovskii and I.A. Zhmyreva, Glass-forming ability of rare earths in fluorozirconate glasses 170 (1994) 155

0022-3093/94/$07.00 © 1994 Elsevier Science B.V. All rights reserved

Hall, L.E., see Davis, C.A. 170 (1994) 46
Hallak, A.B., see Khawaja, E.E. 170 (1994) 308
Han, S.Z., H.M. Lee and H.-S. Kwon, Bonding structure and optical bandgap of rf sputtered hydrogenated amorphous silicon carbide alloy films 170 (1994) 199
Hauret, G., Y. Vaills, Y. Luspin, F. Gervais and B. Coté, Similarities in the behaviour of magnesium and calcium in silicate glasses 170 (1994) 175
Henry, M., see Chaibi, J. 170 (1994) 1
Hoghooghi, B., J. McKittrick, C. Butler and P. Desch, Synthesis of celsian ceramics from zeolite precursors 170 (1994) 303
Holmes, A.S., see Syms, R.R.A. 170 (1994) 223
Hori, M., see Mizushima, Y. 170 (1994) 215
Husain, M., see Manzar Malik, M. 170 (1994) 312
Hussain, M.S., see Khawaja, E.E. 170 (1994) 308

Irrera, F., see Caputo, D. 170 (1994) 278
Ivanda, M., see Desnica, I.D. 170 (1994) 263

Jäckle, J., see Mauch, F. 170 (1994) 73
Jansen, J.B.H., see Titulaer, M.K. 170 (1994) 11
Jansen, J.B.H., see Titulaer, M.K. 170 (1994) 113
Jansen, J.B.H., see Titulaer, M.K. 170 (1994) 128
Jensen, K.O., P.S. Salmon, I.T. Penfold and P.G. Coleman, Microvoids in chalcogenide glasses studied by positron annihilation 170 (1994) 57
Jolivet, J.P., see Pulcinelli, S.H. 170 (1994) 21

Kadono, K., see Yazawa, T. 170 (1994) 105
Kamiya, K., see Yamamoto, H. 170 (1994) 87
Keast, V., see Davis, C.A. 170 (1994) 46
Kegel, W.K., see Titulaer, M.K. 170 (1994) 128
Khawaja, E.E., S.M.A. Durrani, A.B. Hallak and M.S. Hussain, Density of vapor deposited amorphous Ge films 170 (1994) 308
Khonik, V.A. and A.T. Kosilov, Kinetics of strain relaxation in metallic glasses 170 (1994) 270
Kim, J., see Kim, Y.-J. 170 (1994) 190
Kim, J.D., see Pyun, S.-I. 170 (1994) 205
Kim, Y.-J., S.-H. Lee, T.W. Noh and J. Kim, Infrared properties of barium borate glasses: application of the generalized Lyddane–Sachs–Teller relation 170 (1994) 190
King, T.A., see Li, X. 170 (1994) 243
Kolobkov, V.P., see Gur'ev, N.V. 170 (1994) 155
Kosilov, A.T., see Khonik, V.A. 170 (1994) 270
Kranjčec, M., see Desnica, I.D. 170 (1994) 263
Kravtchinskaia, E., see Davis, C.A. 170 (1994) 46
Kuraoka, K., see Yazawa, T. 170 (1994) 105
Kwon, H.-S., see Han, S.Z. 170 (1994) 199
Kwon, H.S., see Pyun, S.-I. 170 (1994) 205

Leclercq, D., see Acosta, S. 170 (1994) 234
Lee, H.M., see Han, S.Z. 170 (1994) 199
Lee, S.-H., see Kim, Y.-J. 170 (1994) 190
Lefèvre, P., see Acosta, S. 170 (1994) 234
Lejus, A.M., see Małecki, A. 170 (1994) 161
Leskova, M.L., see Gur'ev, N.V. 170 (1994) 155
Li, X., T.A. King and F. Pallikari-Viras, Characteristics of composites based on PMMA modified gel silica glasses 170 (1994) 243
Livage, J., see Chaibi, J. 170 (1994) 1
Lochhead, M.J. and K.L. Bray, Spectroscopic characterization of doped sol–gel silica gels and glasses: evidence of inner-sphere complexation of europium(III) 170 (1994) 143
Ludwig, A., see Berg, G. 170 (1994) 109
Luspin, Y., see Hauret, G. 170 (1994) 175

Małecki, A., A.M. Lejus, B. Viana, D. Vivien and R. Collongues, Spectroscopic studies of the kinetics of devitrification of Nd^{3+}-doped glasses in the akermanite–gehlenite system 170 (1994) 161
Manzar Malik, M. and M. Husain, Effect of Ag on the X-ray K-absorption edge of glassy $Ga_{30}Se_{70}$ 170 (1994) 312
Martin, S.W., see Cho, J. 170 (1994) 182
Matsuoka, J., see Yamamoto, H. 170 (1994) 87
Mauch, F. and J. Jäckle, Thermoviscoelastic theory of freezing of stress and strain in a symmetrically cooled infinite glass plate 170 (1994) 73
Mazer, J.J. and J.V. Walther, Dissolution kinetics of silica glass as a function of pH between 40 and 85°C 170 (1994) 32
McKenzie, D.R., see Davis, C.A. 170 (1994) 46
McKittrick, J., see Hoghooghi, B. 170 (1994) 303
Merkulov, E.B., V.K. Goncharuk and S.A. Stepanov, Glass formation in SnF_2–ZrF_4–BaF_2–GaF_3 170 (1994) 65
Miya, M., see Yazawa, T. 170 (1994) 105
Mizushima, Y. and M. Hori, Preparation and properties of alumina–organic compound aerogels 170 (1994) 215
Möller, M., J.H. Wendorff, M. Werth and H.W. Spiess, The nature of the glass transition in a columnar hexagonal ordered phase 170 (1994) 295
Murri, R., see Desnica, I.D. 170 (1994) 263
Mutin, P.H., see Acosta, S. 170 (1994) 234

Nasu, H., see Yamamoto, H. 170 (1994) 87
Nobile, G., see Caputo, D. 170 (1994) 278
Noh, T.W., see Kim, Y.-J. 170 (1994) 190

Pallikari-Viras, F., see Li, X. 170 (1994) 243
Palma, F., see Caputo, D. 170 (1994) 278
Penfold, I.T., see Jensen, K.O. 170 (1994) 57

Petrovskii, G.T., see Gur'ev, N.V. 170 (1994) 155
Pinto, N., see Desnica, I.D. 170 (1994) 263
Piriou, B., see Dexpert-Ghys, J. 170 (1994) 167
Portier, J., see Dexpert-Ghys, J. 170 (1994) 167
Pulcinelli, S.H., C.V. Santilli, J.P. Jolivet and E. Tronc, Morphological characterization of aqueous tin oxyhydroxide gel 170 (1994) 21
Pyun, S.-I., J.D. Kim, J.S. Bae and H.S. Kwon, Electrical relaxation from hydrated surface layers developed on $Li_2O \cdot Al_2O_3 \cdot 2SiO_2$ glass under atmospheric and aqueous environments 170 (1994) 205

Radić, N., see Gržeta, B. 170 (1994) 101
Réau, J.M., see Dexpert-Ghys, J. 170 (1994) 167
Ribot, F., see Schmutz, C. 170 (1994) 250
Rossi, M.C., see Caputo, D. 170 (1994) 278
Rossignol, S., see Dexpert-Ghys, J. 170 (1994) 167

Sakaguchi, T., see Yazawa, T. 170 (1994) 105
Salmon, P.S., see Jensen, K.O. 170 (1994) 57
Santilli, C.V., see Pulcinelli, S.H. 170 (1994) 21
Schmutz, C., P. Barboux, F. Ribot, F. Taulelle, M. Verdaguer and C. Fernandez-Lorenzo, EXAFS, Raman and ^{31}P NMR study of amorphous titanium phosphates 170 (1994) 250
Spiess, H.W., see Möller, M. 170 (1994) 295
Stepanov, S.A., see Merkulov, E.B. 170 (1994) 65
Syms, R.R.A. and A.S. Holmes, Deposition of thick silica–titania sol–gel films on Si substrates 170 (1994) 223

Talsma, H., see Titulaer, M.K. 170 (1994) 113
Tanaka, H., see Yazawa, T. 170 (1994) 105
Tanaka, K., Photodoping of Ag in Ag–As–S glasses 170 (1994) 27
Tanguy, B., see Dexpert-Ghys, J. 170 (1994) 167
Taulelle, F., see Schmutz, C. 170 (1994) 250
Titulaer, M.K., J.B.H. Jansen and J.W. Geus, Fluid composition effects on silica gel aging 170 (1994) 11
Titulaer, M.K., M.J. den Exter, H. Talsma, J.B.H. Jansen and J.W. Geus, Control of the porous structure of silica gel by the preparation pH and drying 170 (1994) 113
Titulaer, M.K., W.K. Kegel, J.B.H. Jansen and J.W. Geus, The increase in pH during aging of porous sol–gel silica spheres 170 (1994) 128
Tomozawa, M., Book review: Fundamentals of Inorganic Glasses (Arun K. Varshneya) 170 (1994) 112
Tronc, E., see Pulcinelli, S.H. 170 (1994) 21
Tsubota, S., see Yazawa, T. 170 (1994) 105

Vaills, Y., see Hauret, G. 170 (1994) 175
Veerasamy, V.S., see Davis, C.A. 170 (1994) 46
Verdaguer, M., see Schmutz, C. 170 (1994) 250
Viana, B., see Małecki, A. 170 (1994) 161
Videau, J.J., see Dexpert-Ghys, J. 170 (1994) 167
Vioux, A., see Acosta, S. 170 (1994) 234
Vivien, D., see Małecki, A. 170 (1994) 161

Walther, J.V., see Mazer, J.J. 170 (1994) 32
Wang, K., C. Degand, P. Donnadieu and P. Garoche, Phason-strain field and vibrational specific heat in icosahedral AlLiCu 170 (1994) 51
Weinberg, M.C., Induction time for crystal growth 170 (1994) 300
Wendorff, J.H., see Möller, M. 170 (1994) 295
Weng, W., J. Yang and Z. Ding, A complexing approach to inducing sol–gel process of insoluble Cu ethoxide – evolution of local environment of Cu complex species 170 (1994) 134
Werth, M., see Möller, M. 170 (1994) 295

Xu, G., Modelling non-Arrhenius temperature dependence of transport properties in amorphous materials 170 (1994) 68

Yamamoto, H., H. Nasu, J. Matsuoka and K. Kamiya, X-ray absorption fine structure (XAFS) study on the coordination of Te in $PbO–TiO_2–TeO_2$ glasses with high third-order optical non-linearity 170 (1994) 87
Yang, J., see Weng, W. 170 (1994) 134
Yazawa, T., K. Kadono, H. Tanaka, T. Sakaguchi, S. Tsubota, K. Kuraoka, M. Miya and W. De-Xian, Preparation and optical property of monolithic silica gel uniformaly dispersed with gold colloid from aqueous solution 170 (1994) 105
Yin, Y., see Davis, C.A. 170 (1994) 46

Zarrouk, H., see Chaibi, J. 170 (1994) 1
Zhmyreva, I.A., see Gur'ev, N.V. 170 (1994) 155

ELSEVIER

Journal of Non-Crystalline Solids 170 (1994) 318–321

JOURNAL OF NON-CRYSTALLINE SOLIDS

Subject index

Alkali Silicate Glasses
Hydrogen Effects, Reduction 170 (1994) 287

Alloys
Crystallization, X-ray Diffraction 170 (1994) 101
Quasicrystals, Stress Relaxation, Thermal Properties 170 (1994) 51

Alumina
Crystallization, Drying, Porosity, Sol–Gel Processes 170 (1994) 215
Nuclear Magnetic Resonance, Sol–Gel Processes, Surface Properties 170 (1994) 234

Bonding
Chalcogenides, X-ray Absorption 170 (1994) 312

Boron
Infra-red Absorption 170 (1994) 182

Carbon
Deposition Techniques, Doping, Structure 170 (1994) 46

Chalcogenides
Bonding, X-ray Absorption 170 (1994) 312
Photoinduced Effects, Reactions, Thermal Properties, Thermodynamics 170 (1994) 27

Colloids
Non-linear Optics, Sol–Gel Processes 170 (1994) 105

Conductivity
Electric Properties, Ionic Conductivity, Relaxation 170 (1994) 97

Corrosion
Electrical Properties and Relaxation, Ionic Conductivity, Silicates 170 (1994) 205

Crystallization
Alloys, X-ray Diffraction 170 (1994) 101
Alumina, Drying, Porosity, Sol–Gel Processes 170 (1994) 215
Differential Scanning Calorimetry, Oxides, X-ray Diffraction 170 (1994) 303
Luminescence, Oxides, Rare Earth Ions 170 (1994) 161
Modelling, Nucleation 170 (1994) 300

Dangling Bonds
Electrical Properties, Photoinduced Effects, Silicon, Stäbler–Wronski Effect 170 (1994) 278

Defects
Positron Annihilation, Structure 170 (1994) 57

Densification
Mechanical Properties, Sol–Gel Processes, Thin Films 170 (1994) 223

Density
Semiconductors, Thin Films, Vapour Phase Deposition 170 (1994) 308

Deposition Techniques
Carbon, Doping, Structure 170 (1994) 46
Optical Properties, Silicon Carbide, Thin Films 170 (1994) 199
Raman Spectra, Thin Films 170 (1994) 263

Dielectric Properties
Infra-red Absorption, Oxides 170 (1994) 175

Differential Scanning Calorimetry
Crystallization, Oxides, X-ray Diffraction 170 (1994) 303

Diffusion
Ionic Conductivity, Theory 170 (1994) 68

Doping
Carbon, Deposition Techniques, Structure 170 (1994) 46

Drying
Alumina, Crystallization, Porosity, Sol–Gel Processes 170 (1994) 215

0022-3093/94/$07.00 © 1994 Elsevier Science B.V. All rights reserved

Electric Properties
Conductivity, Ionic Conductivity, Relaxation 170 (1994) 97

Electrical Properties
Dangling Bonds, Photoinduced Effects, Silicon, Stäbler–Wronski Effect 170 (1994) 278
Ion Exchange, Mixed-Alkali Effect 170 (1994) 109

Electrical Properties and Relaxation
Corrosion, Ionic Conductivity, Silicates 170 (1994) 205

Electron Microscopy
Light Scattering, Sol–Gel Processes, Structure, X-ray Diffraction 170 (1994) 21
Porosity, Reactions, Sol–Gel Processes 170 (1994) 113

Electron Spin Resonance
Glasses Containing Transition Metal Ions, Infra-red Absorption, Sol–Gel Processes 170 (1994) 134

Fluorescence Spectra
Fluorides, Local Environment, Rare Earth Ions 170 (1994) 155

Fluorides
Fluorescence Spectra, Local Environment, Rare Earth Ions 170 (1994) 155

Glass Formation
Halide Glasses 170 (1994) 65

Glass Transition
Polymers 170 (1994) 295

Glasses Containing Transition Metal Ions
Electron Spin Resonance, Infra-red Absorption, Sol–Gel Processes 170 (1994) 134

Halide Glasses
Glass Formation 170 (1994) 65

Hydrogen Effects
Alkali Silicate Glasses, Reduction 170 (1994) 287

Infra-red Absorption
Boron 170 (1994) 182
Dielectric Properties, Oxides 170 (1994) 175
Electron Spin Resonance, Glasses Containing Transition Metal Ions, Sol–Gel Processes 170 (1994) 134
Nuclear Magnetic Resonance, Sol–Gel Processes, Structure, Zirconia 170 (1994) 1
Structure, Theory 170 (1994) 190

Ion Exchange
Electrical Properties, Mixed-Alkali Effect 170 (1994) 109

Ionic Conductivity
Conductivity, Electric Properties, Relaxation 170 (1994) 97
Corrosion, Electrical Properties and Relaxation, Silicates 170 (1994) 205
Diffusion, Theory 170 (1994) 68

Light Scattering
Electron Microscopy, Sol–Gel Processes, Structure, X-ray Diffraction 170 (1994) 21

Local Environment
Fluorescence Spectra, Fluorides, Rare Earth Ions 170 (1994) 155

Luminescence
Crystallization, Oxides, Rare Earth Ions 170 (1994) 161
Oxides, Rare Earth Ions, Sol–Gel Processes 170 (1994) 143

Mechanical Properties
Densification, Sol–Gel Processes, Thin Films 170 (1994) 223
Relaxation 170 (1994) 270

Mixed-Alkali Effect
Electrical Properties, Ion Exchange 170 (1994) 109

Modelling
Crystallization, Nucleation 170 (1994) 300
Relaxation, Viscosity 170 (1994) 73
Sol–Gel Processes 170 (1994) 11

Non-linear Optics
Colloids, Sol–Gel Processes 170 (1994) 105
Tellurite Glasses 170 (1994) 87

Nuclear Magnetic Resonance
Alumina, Sol–Gel Processes, Surface Properties 170 (1994) 234
Infra-red Absorption, Sol–Gel Processes, Structure, Zirconia 170 (1994) 1
Phosphates, Raman Spectra, X-ray Absorption 170 (1994) 250

Nucleation
Crystallization, Modelling 170 (1994) 300

Optical Properties
Deposition Techniques, Silicon Carbide, Thin Films 170 (1994) 199

Optical Scattering
Raman Spectra, Sol–Gel Processes 170 (1994) 243

Oxides
Crystallization, Differential Scanning Calorimetry, X-ray Diffraction 170 (1994) 303

Crystallization, Luminescence, Rare Earth Ions 170 (1994) 161
Dielectric Properties, Infra-red Absorption 170 (1994) 175
Luminescence, Rare Earth Ions, Sol–Gel Processes 170 (1994) 143
Oxyhalides, Raman Spectra, Structure 170 (1994) 167

Oxyhalides
Oxides, Raman Spectra, Structure 170 (1994) 167

Phosphates
Nuclear Magnetic Resonance, Raman Spectra, X-ray Absorption 170 (1994) 250

Photoinduced Effects
Chalcogenides, Reactions, Thermal Properties, Thermodynamics 170 (1994) 27
Dangling Bonds, Electrical Properties, Silicon, Stäbler–Wronski Effect 170 (1994) 278

Polymers
Glass Transition 170 (1994) 295

Porosity
Alumina, Crystallization, Drying, Sol–Gel Processes 170 (1994) 215
Electron Microscopy, Reactions, Sol–Gel Processes 170 (1994) 113
Reactions, Silicates, Sol–Gel Processes 170 (1994) 128

Positron Annihilation
Defects, Structure 170 (1994) 57

Quasicrystals
Alloys, Stress Relaxation, Thermal Properties 170 (1994) 51

Raman Spectra
Deposition Techniques, Thin Films 170 (1994) 263
Nuclear Magnetic Resonance, Phosphates, X-ray Absorption 170 (1994) 250
Optical Scattering, Sol–Gel Processes 170 (1994) 243
Oxides, Oxyhalides, Structure 170 (1994) 167

Rare Earth Ions
Crystallization, Luminescence, Oxides 170 (1994) 161
Fluorescence Spectra, Fluorides, Local Environment 170 (1994) 155
Luminescence, Oxides, Sol–Gel Processes 170 (1994) 143

Reactions
Chalcogenides, Photoinduced Effects, Thermal Properties, Thermodynamics 170 (1994) 27
Electron Microscopy, Porosity, Sol–Gel Processes 170 (1994) 113
Porosity, Silicates, Sol–Gel Processes 170 (1994) 128
Silica, Structure, Water in Glass 170 (1994) 32

Reduction
Alkali Silicate Glasses, Hydrogen Effects 170 (1994) 287

Relaxation
Conductivity, Electric Properties, Ionic Conductivity 170 (1994) 97
Mechanical Properties 170 (1994) 270
Modelling, Viscosity 170 (1994) 73

Semiconductors
Density, Thin Films, Vapour Phase Deposition 170 (1994) 308

Silica
Reactions, Structure, Water in Glass 170 (1994) 32

Silicates
Corrosion, Electrical Properties and Relaxation, Ionic Conductivity 170 (1994) 205
Porosity, Reactions, Sol–Gel Processes 170 (1994) 128

Silicon
Dangling Bonds, Electrical Properties, Photoinduced Effects, Stäbler–Wronski Effect 170 (1994) 278

Silicon Carbide
Deposition Techniques, Optical Properties, Thin Films 170 (1994) 199

Sol–Gel Processes
Alumina, Crystallization, Drying, Porosity 170 (1994) 215
Alumina, Nuclear Magnetic Resonance, Surface Properties 170 (1994) 234
Colloids, Non-linear Optics 170 (1994) 105
Densification, Mechanical Properties, Thin Films 170 (1994) 223
Electron Microscopy, Light Scattering, Structure, X-ray Diffraction 170 (1994) 21
Electron Microscopy, Porosity, Reactions 170 (1994) 113
Electron Spin Resonance, Glasses Containing Transition Metal Ions, Infra-red Absorption 170 (1994) 134
Infra-red Absorption, Nuclear Magnetic Resonance, Structure, Zirconia 170 (1994) 1
Luminescence, Oxides, Rare Earth Ions 170 (1994) 143
Modelling 170 (1994) 11
Optical Scattering, Raman Spectra 170 (1994) 243
Porosity, Reactions, Silicates 170 (1994) 128

Stäbler–Wronski Effect
Dangling Bonds, Electrical Properties, Photoinduced Effects, Silicon 170 (1994) 278

Stress Relaxation
Alloys, Quasicrystals, Thermal Properties 170 (1994) 51

Structure
Carbon, Deposition Techniques, Doping 170 (1994) 46
Defects, Positron Annihilation 170 (1994) 57
Electron Microscopy, Light Scattering, Sol–Gel Processes, X-ray Diffraction 170 (1994) 21
Infra-red Absorption, Nuclear Magnetic Resonance, Sol–Gel Processes, Zirconia 170 (1994) 1
Infra-red Absorption, Theory 170 (1994) 190
Oxides, Oxyhalides, Raman Spectra 170 (1994) 167
Reactions, Silica, Water in Glass 170 (1994) 32

Surface Properties
Alumina, Nuclear Magnetic Resonance, Sol–Gel Processes 170 (1994) 234

Tellurite Glasses
Non-linear Optics 170 (1994) 87

Theory
Diffusion, Ionic Conductivity 170 (1994) 68
Infra-red Absorption, Structure 170 (1994) 190

Thermal Properties
Alloys, Quasicrystals, Stress Relaxation 170 (1994) 51
Chalcogenides, Photoinduced Effects, Reactions, Thermodynamics 170 (1994) 27

Thermodynamics
Chalcogenides, Photoinduced Effects, Reactions, Thermal Properties 170 (1994) 27

Thin Films
Densification, Mechanical Properties, Sol–Gel Processes 170 (1994) 223
Density, Semiconductors, Vapour Phase Deposition 170 (1994) 308
Deposition Techniques, Optical Properties, Silicon Carbide 170 (1994) 199
Deposition Techniques, Raman Spectra 170 (1994) 263

Vapour Phase Deposition
Density, Semiconductors, Thin Films 170 (1994) 308

Viscosity
Modelling, Relaxation 170 (1994) 73

Water in Glass
Reactions, Silica, Structure 170 (1994) 32

X-ray Absorption
Bonding, Chalcogenides 170 (1994) 312
Nuclear Magnetic Resonance, Phosphates, Raman Spectra 170 (1994) 250

X-ray Diffraction
Alloys, Crystallization 170 (1994) 101
Crystallization, Differential Scanning Calorimetry, Oxides 170 (1994) 303
Electron Microscopy, Light Scattering, Sol–Gel Processes, Structure 170 (1994) 21

Zirconia
Infra-red Absorption, Nuclear Magnetic Resonance, Sol–Gel Processes, Structure 170 (1994) 1